



PATENT
Attorney Docket No. 203676

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of:

Koszinowski et al.

Application No. 09/463,890

Art Unit: 1646

Examiner: G. Leffers, Jr.

Filed: January 31, 2000

For: RECOMBINANT VECTOR
CONTAINING INFECTIOUS, VIRAL
GENOME SEQUENCES GREATER
THAN 100 KB, METHOD FOR
PRODUCING SAME AND USE FOR
THE MUTAGENESIS OF THE VIRAL
SEQUENCES

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AMENDMENT AND RESPONSE TO OFFICE ACTION

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated October 23, 2001, please enter the following amendments and consider the following remarks.

AMENDMENTS

IN THE CLAIMS:

Please amend the indicated claims to read as follows:

36. A recombinant vector containing an infectious viral genomic sequence larger than 100 kb and all or a portion of a bacterial artificial chromosome (BAC), wherein said all or a portion of the BAC enables replication of the recombinant vector in a host cell.

45. The recombinant vector of claim 36, wherein said all or a portion of the BAC is flanked by nucleotide sequences which are identical to each other and which, upon homologous recombination, enable excision of said all or a portion of the BAC from the recombinant vector.

46. The recombinant vector of claim 36, wherein said all or a portion of the BAC is flanked by (i) recognition sequences for sequence-specific recombinases, (ii) unique